



The **GARzette**

The Official Newsletter of the Gwinnett Amateur Radio Society  
July 2017 <http://www.gars.org/> Volume 26, Issue 7



## GARS Field Day 2017

A nighttime photograph of a GARS Field Day setup. In the foreground, there is a large, illuminated yellow tent. To the left of the tent, a white trailer is visible, and a smaller red and white tent is to its right. The area is lit by several bright yellow lights, creating a strong glow against the dark night sky. The ground appears to be a dirt or gravel surface.

# Message from the President

Thanks to everyone who supported GARS in our Field Day efforts this year. If we ever need our emergency preparations for real, it will likely be around a bad weather event. It is good to know that we can put up antenna and assemble a respectable station in the wind and rain. The food was great and everyone seemed to be having fun building the satellite antenna. A special thanks to David Adcock, KA4KKF who seemed to be everywhere making sure it was all working.

Our next adventure will be the dog show in August. We need 12 volunteers each of the four days. It is always fun to see the unusual breeds and their lookalike masters. The dog show is our major fundraiser so please sign up.

Speaking of fundraising, GARS has been approved to share in a pool of money set aside by Kroger. You have to link your Kroger loyalty card to our ID number. The details are in an article in this issue of the GARzette.

Condolences to the family of Bill Hampton W4OO who passed away suddenly last month. Although Bill was not a member of GARS, he was often at Techfest with multiple cameras



“Our next adventure will be the dog show in August. We need 12 volunteers each of the four days...The dog show is our major fundraiser so please sign up.”

documenting the event. He loved to share the pictures. Bill owned and maintained several repeaters. He will be missed.

Our program this month will be by Steve Hudson, AA4BW. Steve will discuss his experiences operating at power levels down in the milliwatt range. But mostly he will talk about the operating side of things with a focus on just how much fun going QRP can be. He will discuss the

on-the-air techniques and equipment used by QRP operators, and he will have a number of QRP rigs on hand for you to see. He will also share a look at his recent experience operating QRP from the Republic of Palau (as T88BW) and from the island of Yap in the Federated States of Micronesia (as V63BW), both in the western Pacific.

Remember many of us meet for dinner before the meeting. Some go to the Five Spot and some to the Flying Machine. Food is good both places and the conversation is always lively. Join us if you can.

73, *Mike Weathers, ND4V*

***"It is not the class of license the Amateur holds, but the class of the Amateur that holds the license."***

[Author Unknown]

# GARS July Meeting

## Operating QRP

By Stephen Hudson, AA4BW

*Tuesday, July 11, 2017 7:00 pm*

**Sports Aviation Complex—Hangar 1  
690 Airport Road  
Lawrenceville, GA 30045**

[Directions to EAA Hangar](#)

### INSIDE

Member QRZ Pages ..... Pg 4  
GARS Happenings..... Pg 5  
GARS Field Day 2017 ..... Pg 6  
Kroger Rewards..... Pg 7  
Beginner's Corner ..... Pg 8

### **GARS Communications**

2 Meter Repeaters  
147.075(+) MHz Tone 82.5  
147.255(+) MHz Tone 107.2  
  
6 Meter Repeater  
53.110 (-1 MHz) No Tone  
(Offline for Maintenance)  
  
70 Cm Repeaters  
444.525(+) MHz Tone 82.5  
442.100(+) MHz Tone 100  
442.325(+) MHz Tone 100

**Other Resources:**  
APRS  
144.390 -- 1200 Baud  
W4GR  
  
D-Star  
WD4STR  
145.060 + (1.4 MHz)  
440.550 + (5 MHz)

**Don't forget  
to support our  
advertisers at the  
back of the  
*GARzette*.**

The *GARzette* is the official monthly newsletter of the Gwinnett Amateur Radio Society, serving its members and other persons interested in the advancement of the Amateur Radio art.

Original articles, art, and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible, bring your articles to the monthly meeting in Microsoft Word or rich text (.rtf) or text or HTML format or by e-mail to [editor@gars.org](mailto:editor@gars.org). Artwork can be accepted in most any graphics format and can be submitted via e-mail to the same address. Alternate means of submittal can be arranged when necessary.

In keeping with the Amateur Radio spirit, permission is hereby granted for the reproduction of The *GARzette* articles by other Amateur Radio club newsletters provided that proper credit is given to the individual author and *The GARzette*.

*The GARzette* is published each month with the assistance of Norm Schklar, WA4ZXV who prints copies for distribution at meetings, etc. and Dave Bruse, W4DTR, who distributes the news letter electronically.

Deadline for submissions is the 28th of each month for inclusion in the following month's issue.

For additional information view our Website at: <http://www.gars.org>

Newsletter Editor: [editor@gars.org](mailto:editor@gars.org)  
Bill Eggers—WB2RIS 470-238-9603



# Member QRZ Pages

For a few months we will be featuring the QRZ page of various members of GARS.

This month we are featuring the QRZ page of :

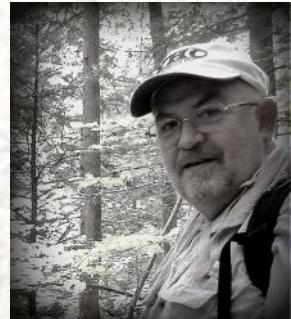
## KK4KHS - Mike Smith

When you click on the link below you will find this picture.

<http://qrz.com/lookup/KK4KHS>

Read the notes and get to know him better. You'll be glad you did.

Here is an excerpt from the page:



Recently voted President of Alford Memorial Radio Club, Vice President Alford Memorial Radio Club 2014 to Dec, 2016. <http://totr-radio.org/> Go to this site and download our latest Club News Letters. E-TOTR. This Club is located in Stone Mountain Ga. With one of it's 4 repeaters on the TOP OF THE ROCK, on top of Stone Mountain. Meetings are the second Thursday of each month.

Program Manager 2014-2015 for Gwinnett Amateur Radio Society <http://www.gars.org> another great ham radio club located in Lawrenceville, Ga. Meetings are the second Tuesday of each month.

Watch for another featured GARS member QRZ page in next month's GARzette!

## News, Press Releases, & General Interest

### W4DXCC DX and Contest Convention Registration Now Open

Registration now is open for the 2017 [W4DXCC DX and Contest Convention](#), the Southeast's largest and most popular DX and contesting event, September 22-23, at the MainStay Suites in Pigeon Forge, Tennessee.

The convention will feature presenters speaking on DX and contesting, equipment manufacturers — on hand to demonstrate new products and answer questions face to face, and a banquet. This year's event will continue the Ham Radio Bootcamp to mentor newcomers and experienced hams alike on station and antenna construction, operating, digital modes, DXing, and contesting.

The [convention website](#) has full details. — *Thanks to Dave Anderson, K4SV*

Source: <http://www.arrl.org/news/w4dxcc-dx-and-contest-convention-registration-now-open>



# GARS Happenings

Look for GARS member Ruth KM4LAO in the upcoming August 2017 QST:

Member Spotlight, Page 13:



## Member Spotlight

Jen Gilfort, jgilfort@arrl.org

## Ruth Willet, KM4LAO

**This teenage Amateur Radio operator keeps busy on and off the air.**

At 18 years old, Ruth Willet, KM4LAO, has already cultivated a wide range of interests that overlap and intersect each other. Studying Morse code led her to ham radio. Traveling with her family set her up for participating in National Parks on the Air (NPOTA). At Kettering University, Ruth is double majoring while taking part in the university's co-op program. Through it all, she ties in her various skills and knowledge, connecting her interests to build her future.

### New Skills



Ruth Willet, KM4LAO. [Sharon Willet, KM4TVU, photo]

rowing equipment for her own. She upgraded to an Amateur Extra class license in May 2016. She said getting on the air every day during NPOTA helped her see "the concepts from the licensing manuals coming to life, as propagation and the grey line affected QSOs."

### Staying Active, On and Off the Air

Ruth just finished her freshman year at Kettering University in Michigan, where she's double majoring in mechanical engineering and engineering physics. She chose Kettering in

But wait, there's more! Look for her article in the same issue starting on Page 70! Way to go Ruth!!!

## Youth DX Adventure on the Caribbean Island of Saba

**A team of young hams spend a week honing their radio skills in a genuine DX setting.**

The island of Saba was the YDXA's Caribbean paradise for a week in August 2016. [Ruth Willet, KM4LAO]

### Ruth Willet, KM4LAO

I was thrilled to be part of the 2016 Dave Kalter Memorial Youth DX Adventure (YDXA) team. The team

to access Saba is to first fly to St.

Maarten, and then take a small boat or plane to Saba. Because the team members were from all over the country, we

2008 by Dave Kalter, KB8OCP; Don DuBon, N6JRL; Jim Storms, AB8YK; Keko Diez, TI5KD, and Todd DuBon, KD4YHY. YDXA gives a team of

# GARS Field Day 2017



# Kroger Community Rewards Program

## To use the Kroger Community Rewards Program:

- Encourage your members to register online at [krogercommunityrewards.com](http://krogercommunityrewards.com)
- Be sure to have your Kroger Plus card handy and register your card with your Organization after you sign up.
- If a member does not yet have a Kroger Plus card, please let them know that they are available at the customer service desk at any Kroger.
- Click on Sign In/Register
- Most participants are new online customers, so they must click on SIGN UP TODAY in the 'New Customer?' box.
- Sign up for a Kroger Rewards Account by entering zip code, clicking on favorite store, entering your email address and creating a password, agreeing to the terms and conditions
- You will then get a message to check your email inbox and click on the link within the body of the email.
- Click on My Account and use your email address and password to proceed to the next step.
- Click on Edit Kroger Community Rewards information and input your Kroger Plus card number.
- Update or confirm your information.
- Enter NPO number (**for GARS this is 43249**) or name of organization, select organization from list and click on confirm.
- To verify you are enrolled correctly, you will see your organization's name on the right side of your information page.
- REMEMBER, purchases will not count for your group until after your member(s) register their card(s).
- Do you use your phone number at the register? Call [800-576-4377](tel:800-576-4377), select option 4 to get your Kroger Plus card number.

Members must swipe their registered Kroger Plus card or use the phone number that is related to their registered Kroger Plus card when shopping for each purchase to count.



# Beginner's Corner

## Getting on Ten Meters

You have your Technician Class License. Congratulations! Most amateurs will start out in the hobby by purchasing a VHF/UHF portable handheld radio, commonly known as a “handy talkie” or “HT”. The newer models are programmable and you can use them throughout the country. With a technician class license, you have full access to any band above 30 MHz.

Recently I hosted the ARRL Field Day. We had several people discover the magic of high frequency or HF radio (1.8 to 30 MHz). General and extra class licensees have access to all the HF bands. It was exciting watching new hams discover working people who were several states away. There was a General or Extra class licensee there as a control operator, so their HF operations were legal. You might be aware that you have access to a portion of the HF spectrum that you can talk on without a control operator. I am talking about the 200 kHz from 28.3 to 28.5 MHz. This is in the ten meter band.

Some people say that ten meters is a dead band because of the declining solar cycle. They claim that ten meters does not propagate at all because the sun does not generate enough sunspots. Well, ‘taint so! For the past several weeks, ten meters has been up and running in spurts. It’s just a matter of being there at the right time. The sun itself is not the only cause of ten meter propagation. Two layers of the atmosphere also influence the band. The first is the E layer of the ionosphere. At certain times, electrons separate from atoms in this region causing what is known as “sporadic e skip”. The other layer of the atmosphere we look at is the troposphere. A temperature inversion occurs when warmer air is trapped below colder air. If you have ever lived in Los Angeles, you are aware with this phenomenon.

Combine these two, and there could be an opening on the band at any time. Ten meters is primarily a daytime band, but one never knows with HF. Sometimes the impossible is possible! During the last Field Day, the author had several contacts (QSO’s) on this band.

What kind of radio do I need? As a technician class, you are authorized to purchase one of the “HF +6” radios on the market. This means the radio will cover all HF bands plus six meters. (We’ll discuss six meters in a future column.) You can buy new or used. We have discussed the advantages and disadvantages in an earlier column, but whatever you buy, take a more experienced ham with you. He or she can be your guide as to which one to buy.

There may be one or two handheld radios that offer ten meters. Remember that you are only authorized upper sideband (USB) on this portion of the band. Also consider that by purchasing one of these units, your power out will be limited, even if you can find a rig that has USB. Better stick with a base station.

With your new ten meter radio, you will need a suitable antenna. The simplest antenna is the trusty dipole. Ask an experienced ham to help you build one. Get it up in the air and run coax between it and your radio and you are on the air! There are other antennas that will work for ten meters, as well. Prices range from a few dollars to several hundred dollars.

But before you rush out and build your dipole, consider this. If you have an “HF + 6” radio, why not go for your general class license and utilize the other bands available on the radio?

Ten meters is a great band when propagation on it works, and the magic of this band makes it fun to work. Why not consider operating it?

73 de *David Harden*, KJ4CMY

# Net Managers Corner

## Monday Night 2 Meter “Want, Swap, Sell, and Information Net”

### **GARS NEEDS MEMBERS TO SERVE AS NET CONTROL STATIONS!**

**GARS is a great Amateur Radio service club** and we have the membership and awards to prove it. Our club is a very busy and active club and we use the Monday night net to get the information out to our members. Weekly participation is needed to make our net function well. There is only a small group of very dedicated people that make the net happen each week, and we need more members to volunteer to serve as Net Control Stations (NCS) on a rotating basis.

Out of almost 300 members, there are only fifteen primary people who serve as NCS for the GARS net every Monday night. In no particular order, they are:

Norm - WA4ZXV	Kyle - W4KDA	Mitch - N0DIM
Ruth - KM4LAO	Hal - W4IGE	Don - KW4AL
Ray - N4GYN	Sandy - KJ4DRO	John - WB4QDX
Bill - KK4AUA	David - KK4KAF	Kevin - KK4WOG
Chuck - KK4TKJ	Mike - KK4KHS	Donna - KM4FMW

As GARS Net Manager (Chuck KK4TKJ), I really need 26 people to fill NCS positions. I do plan and post the schedule months in advance. Any conditions will be accommodated that you as a rotating NCS need to place on the scheduling of your duties. If your plans change, I can make adjustments for the schedule to work, and I will make those changes happen as soon as I am notified of a problem. As Net Manager, I also send out reminders each week to let the NCS scheduled know he or she is NCS for the next Monday night net. In short, serving as a rotating NCS is a small duty but a great contribution to the club. The “Want, Swap, Sell Information Net” begins promptly at 19:30 every Monday night and runs about 45 minutes. As a scheduled NCS, you will request the assistance of a volunteer alternate NCS each time you have Net Control. Your simple duties will be to tune in to the GARS repeater, read the script, take a few notes and forward the information to me for record keeping.

Please lend a hand and contact me at [KK4TKJ@arrl.net](mailto:KK4TKJ@arrl.net). Sign up to help support the effort that makes GARS the great club that it is.

73 and see you on the Nets!

*Chuck McCord, KK4TKJ*

GARS Net Manager



**Don't miss the “KNOW IT ALL” Net  
Wednesday nights, 8:30-9:30 pm**



We have moved to a new format. We begin with current events and announcements. Then we Introduce New Technology. Then we have check-ins and general discussion. Post net is Rag Chew format.

*Jeff—AB4HF*

Everyone is having great fun on this net! Come join us and become a “KNOW IT ALL”.

**TIME: 8:30 every Wednesday evening on the GARS repeater - 2m 147.075 + PL 82.5**

# GARS Membership Page

## New GARS Members in June

**Buel Baugh (KI4UNI)**

**Mark Bell (N7GRB)**

**Tildon Chavers (KM4FMM)**

**Philip Graham (N4PRG)**

**Stephen Mathews (KN4DYE)**

## New Members: 5

**Total Members as of July 1, 2017**

**287**

**Join us for our weekly  
breakfast gathering at  
7:30 AM most Saturdays**

**at**

**Golden Corral  
2155 Riverside Parkway  
Lawrenceville, GA 30043**

**[\(Directions\)](#)**

**The following members are  
celebrating birthdays  
in July:**

**HAPPY BIRTHDAY!!  
From All of Us at GARS**

**Charles Bailey (KE4TPH)**

**Richard Barnes (W4IXN)**

**James Boyd (KB9VTM)**

**Charlie Broome (WD4CCZ)**

**Bill Cherepy (WB4WTN)**

**William Cohl (WB2PIH)**

**Jeffery Cutchins (AB4HF)**

**Jean Delashmit (KM4FVO)**

**Juan Dominguez**

**Randy Drescher Jr (K4HS)**

**Terry Jones (W4TL)**

**Brian Jones (KD4UYP)**

**Paul Kelley (W4KLY)**

**John La Fon (KB4WGU)**

**Sherwin Levinson (K4SML)**

**Joseph Lyons (KJ4TKY)**

**Charlotte Matchette (KE4OSR)**

**Stephen Mathews (KN4DYE)**

**Audrey Mc Elroy (KM4BUN)**

**Rob Osattin (KI4UTY)**

**William (Bill) Pierce (K1LP)**

**Lowry Rouse Jr (KM4Z)**

**Stephen Schreiman (KJ4MWF)**

**Sid Weaver (N4NQ)**

**Randy Woolery (KK4CRL)**

## GARS MEMBERSHIP

Your current GARS membership status is shown in the monthly newsletter e-mail  
towards the bottom of the message.

To become a GARS member, or to renew your GARS membership, please visit our website—<http://www.gars.org>

To make changes to your GARS membership (moved, new e-mail address, new phone number, etc.),  
please e-mail the Membership Committee - [membership@gars.org](mailto:membership@gars.org)

You can **renew or update** your Amateur Radio license information with the FCC at their website for free  
<http://wireless.fcc.gov/uls/index.htm?job=home>

To update your ARRL information, please visit their website - <http://www.arrl.org>

Membership Chair: Karen Albritton, KI4HPP  
Committee Members: Dave Bruse, W4DTR, Pam Meridy, WB1AKQ

## ARRL CONTESTING INFO

### From ARRL Contest Calendar

> NOTE: For more information click the links <

#### July 2017

8-9 [IARU HF World Championship](#)

#### August 2017

5-6 [222 MHz and Up Distance Contest](#)  
19-20 [10 GHz and Up - Round 1](#)  
20 [Rookie Roundup - RTTY](#)

#### September 2017

9-10 [EME - 2.3 GHz and Up](#)  
9-11 [September VHF QSO Party](#)  
16-17 [10 GHz and Up - Round 2](#)

#### October 2017

7-8 [EME - 50 to 1296 MHz](#)  
16-20 [School Club Roundup](#)

#### November 2017

4-5 [EME - 50 to 1296 MHz](#)  
4-6 [Nov. Sweepstakes - CW](#)  
18-20 [Nov. Sweepstakes - Phone](#)

#### December 2017

1-3 [160 Meter](#)  
9-10 [10 Meter](#)  
17 [Rookie Roundup-CW](#)

## 2018

#### January 2018

1 [Straight Key Night](#)  
6 [Kid's Day](#)  
6-7 [RTTY Roundup](#)  
17 [January VHF Sweepstakes](#)

#### February 2018

12-16 [School Club Roundup](#)  
17-18 [International DX – CW](#)

#### March 2018

3-4 [International DX- Phone](#)

#### April 2018

15 [Rookie Roundup – Phone](#)

### For more information:

<http://www.arrl.org/contest-calendar>

## HAMFEST CALENDAR

### 08/19/2017 | [Alabama State Convention](#)

**Location:** Huntsville, AL  
**Type:** ARRL Convention  
**Sponsor:** Huntsville Amateur Association  
**Website:** <http://www.hamfest.org>

### 09/16/2017 | [68th Annual Augusta Hamfest](#)

**Location:** Grovetown, GA  
**Type:** ARRL Hamfest  
**Sponsor:** Amateur Radio Club of Augusta  
**Website:** <http://w4dv.org>

### 10/21/2017 | [Hamfest Chattanooga 2017](#)

**Location:** East Ridge, TN  
**Type:** ARRL Convention  
**Sponsor:** Chattanooga Amateur Radio Club  
**Website:** <http://www.hamfestchattanooga.net>

### 10/28/2017 | [LaGrange Hamfest](#)

**Location:** LaGrange, GA  
**Type:** ARRL Hamfest  
**Sponsor:** LaGrange Amateur Radio Club  
**Website:** <http://www.lagrangeradioclub.org>

### 10/28/2017 | [Jacksonville FREE Hamfest](#)

**Location:** Jacksonville, FL  
**Type:** ARRL Hamfest  
**Sponsor:** North Florida Amateur Radio Society  
**Website:** <http://nofars.net>

### 11/04/2017 | [Georgia State Convention](#)

**Location:** Lawrenceville, GA  
**Type:** ARRL Convention  
**Sponsor:** Alford Memorial Radio Club  
**Website:** <http://stonemountainhamfest.com/>

### For more information:

<http://www.arrl.org/hamfests-and-conventions-calendar>



## BSA Venture Crew 73 Wants You!

### Venture Crew 73 is for you.

If you are between 14 and 21 years old, enjoy outdoor activities, and have an interest in radio technology

- Venture Crews are part of the Boy Scouts of America.
- *Venture crew 73 is chartered by the Gwinnett Amateur Radio Society.*
- Venture crew 73 is coed.
- *Meetings are on the second Tuesday of the month, 7:00 pm, at EAA 690 Hangar at: Briscoe Field - Sports Aviation Complex Hangar 1, 690 Airport Road Lawrenceville, GA 30045*
- Crew 73 is a youth-run organization, which means that our Crew President and other youth plan the Crew's outings and activities each month.

We enjoy:

- ◊ Camping
- ◊ Hiking
- ◊ Horseback Riding
- ◊ Shooting Sports

- Crew activities usually mix high adventure and the use of Amateur Radio.
- For more information, attend our next meeting or contact:

#### Steve Back, WB2OGY

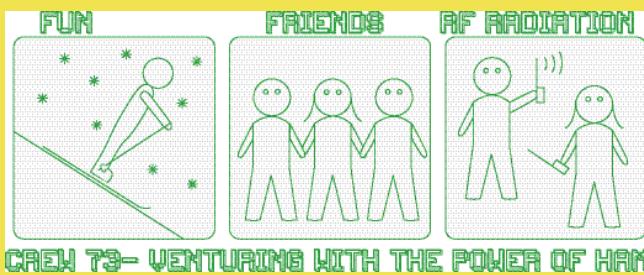
Venture Crew 73 Committee Chairman  
Phone: 770-712-9069

E-mail: [committeechair@venturecrew73.org](mailto:committeechair@venturecrew73.org)

#### Kevin McClure, KF4HFN

Venture Crew 73 Advisor  
Phone: 706 318 2519

Email: [advisor@venturecrew73.org](mailto:advisor@venturecrew73.org)



## G A R S Officers and Committee Chairs

Mike Weathers President	ND4V	
Rick Cobb Vice President	N4XYY	
Leland Ford Secretary	K9SDR	
Sid Weaver Treasurer	N4NQ	
Paul Kelley Program Manager	W4KLY	
Karen Albritton Membership Chair	KI4HPP	
Dave Bruse VE Team Leader	W4DTR	
David Adcock Webmaster and Field Day Chair	KA4KKF	
Dorothy Jubon Public Information Officer	N2DLJ	
Ralph Pickwick Apparel Manager and Education Chair	KJ4CNC	
Neal Gilchrist TechFest Chair	W4HNG	
Bill Eggers GARzette Editor	WB2RIS	
Bill Cherepy W4GR Trustee	WB4WTN	
Eddie Foust Repeater Chair	WD4JEM	
Mike Weathers WAS-Checker and Historian	ND4V	
Chuck McCord Net Manager	KK4TKJ	
Mike Swiderski Technical / RFI Advisor	K4HBI	
Mitch Matteau Winter Field Day Chair	N0DIM	
Pam Meridy GA QSO Party Chair	WB1AKQ	
Kyle Albritton Multimedia Chair	W4KDA	

## DIRECTORS

Kyle Albritton	W4KDA	
David Adcock	KA4KKF	
Norm Schklar	WA4ZXV	

## EXTRA! EXTRA!

### August Meeting

TBA

#### Repeater Status

442.325 operational in Buford  
147.075 operational in Snellville  
147.255 operation in Snellville  
444.525 operational in Snellville  
Link remote receivers being added  
442.100 operational at Goshen Springs  
6M currently down

**L&M Mobility**

Robert (Mike) Smith  
5191 La Paloma Dr.  
Lilburn, GA 30047  
Phone (404)-509-3104  
[Smithrm70@hotmail.com](mailto:Smithrm70@hotmail.com)

**SERVICE & REPAIR**  
Power Chairs • Lift Chairs • Scooters

#### GARS Recurring Calendar

- ♦ Monthly club meeting is the 2<sup>nd</sup> Tuesday of the month at 7 pm
- ♦ Every Monday at 7:30 pm: GARS Want, Swap, Sell, and Information Net + 8:30 pm: ARES Training on the GARS 147.075 MHz repeater
- ♦ Every Wednesday at 8:30 pm: GARS Know It All Net on the GARS 147.075 MHz repeater
- ♦ Every Saturday at 7:30 am: GARS Weekly Breakfast, Golden Corral Restaurant, Riverside Drive, Lawrenceville
- ♦ Second Sunday at 2:00 pm: GARS Ham Exam Session, Fire Station #24 2735 Mall of Georgia Blvd Buford, GA 30519

## JUNE MEETING MINUTES

President Mike Weathers, ND4V called the meeting to order at 7:15pm.

Meeting was held at Harbins Park on Luke Edwards Rd, the location of field day again this year.

First time visitors and new members were welcomed.

#### General Business

Sid, N4NQ, gave the treasure's report. Voting took place and the treasure's report was approved. Sid also reported that he had received a letter from the ARRL acknowledging receipt of our donation for \$50 in memory of Sam Thomas, AB4HZ, who was a member of our club that recently became a silent key. In a separate letter, they acknowledged receipt of our donation of \$1000 we had made to the ARRL last year in November.

Karen, KI4HPP, gave the membership report: GARS has 285 members.

#### Event Recaps & General Updates

##### May Madness

Jeff Cutchins, AB4HF, May Madness Chair reported the results for the GARS club contest. The top 10 received a cap personalized with their call sign. Top 10 with the most contacts logged were:

- Bill Hawkins, WR1TR
- Neil Gilchrist, W4HNG
- David Adcock, KA4KKF
- Richard Conova, KN4TGJ
- Mitch Matteau, N0DIM
- Kevin Highsmith, KK4WOG
- Nick Doemland, AB4CQ
- Norm Schklar, WA4ZXV
- Doug Kregal, KB6RRX
- Ellen Hawkins, KM4RRW

#### Program

David Adcock, KA4KKF, reported details and answered questions on Field Day activities that will be held on June 24-25 at Harbins Park.

Meeting concluded at 7:48pm and the ice cream social followed.

73, *Leland*, K9SDR, Secretary

## EXTRA! EXTRA!

### GARS Calendar of Events for 2017

- GARS Breakfast - Every Saturday morning
- GARS Ham Exam Session - 2nd Sunday every month
- Tech HamCrams March, October
- TechFest January 14
- Winter Field Day January 28 & 29
- Georgia QSO Party April 8 & 9
- North metro area Fox Hunt April
- May Madness May 5 - 14
- Satellites in the Park TBA
- Memorial Day Parade May 29
- ARC/KARC Hamfest June 3 (1st Saturday)
- Field Day June 24 & 25
- General HamCram July 22 & 29
- Maker Faire TBA
- Sept VHF/UHF Contest September 9
- JOTA - 3rd Weekend of ... October
- Stone Mt. Hamfest Nov 4 & 5
- Christmas Party TBA

### GARS on Social Media



**Join the GARS Yahoo Group:**  
<http://groups.yahoo.com/neo/groups/gars/info>



**Visit GARS on Facebook:**  
<http://www.facebook.com/groups/315255321681>



**Join GARS on YouTube:**  
<https://www.youtube.com/channel/UCAGLc7omnG0uihWunbcUsFw>



**Follow GARS on Twitter:**  
[https://twitter.com/GARS\\_Hams](https://twitter.com/GARS_Hams)

### GARS CALENDAR OF EVENTS FOR JULY 2017

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
June 25	June 26	June 27	June 28	June 29	June 30	1 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive
2	3 7:30 - 8:00 pm GARS 2m Net	4 Happy INDEPENDENCE DAY!!	5 8:30 - 9:30 pm GARS Know-It-All Net	6	7	8 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive
9 <b>GARS VE Team Testing Session Starts at 2:00 pm Gwinnett Co. Fire Station #24</b>	10 7:30 - 8:00 pm GARS 2m Net	11 5:00 - 6:30 pm Dinner 7:00 - 9:00 pm GARS Meeting	12 8:30 - 9:30 pm GARS Know-It-All Net	13	14	15 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive
16	17 7:30 - 8:00 pm GARS 2m Net	18	19 8:30 - 9:30 pm GARS Know-It-All Net	20	21	22 Breakfast at Golden Corral General HamCram Session 1 of 2
23/30	24/31 7:30 - 8:00 pm GARS 2m Net	25	26 8:30 - 9:30 pm GARS Know-It-All Net	27	28	29 Breakfast at Golden Corral General HamCram Session 2 of 2

## Metro Testing Sessions

GARS publishes Metro Atlanta VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at <http://www.arrl-ga.org>.

### First Sunday, ODD Months

2 pm (Jan, Mar, May, Jul, Sep, & Nov)  
VEC: WCARS  
Braselton Public Utility Building  
4986 Highway 53, Braselton, GA  
Roger Gibson, WB4T  
(770) 271-4210 or (770) 712-9560  
[w4rlg@bellsouth.net](mailto:w4rlg@bellsouth.net)

### First Sunday, EVEN Months

2 pm (Feb, Apr, Jun, Aug, Oct, Dec)  
VEC: WCARS  
Hall County EOC  
470 Crescent Dr. Gainesville, Ga.  
Perry Roper, KO4RD  
(770) 536-3056

### Second Saturday

10:00 AM  
Alpharetta North Park, Adult Activities Center  
13450 Cogburn Rd, Alpharetta, GA 30004  
Ian Kahn, KM4IK  
E-mail: [km4ik.ian@gmail.com](mailto:km4ik.ian@gmail.com)

### Second Saturday, ODD Months

VEC: ARRL  
8:30 a.m.  
GMC Community Ctr  
5325 Leon St.  
Stone Mountain, GA  
Frank Haynes, KV4SP  
(678) 467-3712

### Second Sunday

VEC: W5YI  
2 pm  
Fire Station #24  
Mall of Georgia Boulevard  
Buford, GA 30519  
Contact: Dave Bruse, W4DTR  
E-mail: [exams@gars.org](mailto:exams@gars.org)

### Third Saturday

VEC: W5YI  
2 pm @ Barrow Co. Emerg. Serv. Bldg  
66 McElroy Street  
Winder, GA 30680  
Steve Donellan, N5SMD  
(404) 520-0368  
E-mail: [n5smd@comcast.net](mailto:n5smd@comcast.net)

(cont. next column)

## Ham Exam Results

### June Results

We had an excellent exam session on 6/11/17. There were eight applicants and all eight passed exams as follows:

- Five new Technician class
- One new General class (passed Technician and General exam)
- One upgrade to General class
- One upgrade to Amateur Extra class.

Many thanks to the following VE's who made this session possible:

Bill Cherepy, WB4WTN  
Sid Weaver, N4NQ (Co-CVE)  
Ralph Pickwick, KJ4CNC  
Pam Meridy, WB1AKQ  
Frank Haynes, KV4SP  
Larry Whitehead, AB4NX  
Yolanda Pence, KM4AAQ  
Dave Bruse, W4DTR (CVE)  
Nick Doemland, AB4CQ

73,

*Don Bagby*, KK4NJM (Co-CVE)

GARS VE Team Leaders  
E-mail: [exams@gars.org](mailto:exams@gars.org)

GARS VE Website:  
[http://groups.yahoo.com/group/GARS\\_VE\\_Team/](http://groups.yahoo.com/group/GARS_VE_Team/)

### Fourth Tuesday

ARRL VEC  
7 pm @ United Way Service Center  
6279 Fairburn Rd., Douglasville  
Jessie Clower, KB4WFK  
(770) 942-6466

### Fourth Sunday

2:30 pm Georgia Tech  
VanLeer Elec. Building  
Rm. W218, 777 Atlantic Dr.  
For more information go to  
[www.w4aql.com](http://www.w4aql.com) and click on "Test Sessions"

## Metro Club Meetings

### First Tuesday

Kennehoochee ARC  
Downtown Marietta  
Fire Station #1, Training Room  
112 Haynes Street  
Marietta, Georgia 30060  
Meeting begins at 7:00pm  
Talk In 146.880(-)

### First Thursday

Atlanta Radio Club  
Georgia Red Cross HQ  
1955 Monroe Dr., Atlanta  
Meeting is at 7:30pm  
Talk In -146.820(-)

### N.E. Georgia ARC

Commerce Public Library  
1344 South Broad Street, Commerce  
Meeting is at 6:30pm  
Talk In - 147.225(+), PL 123.0

### Second Monday

Georgia Tech ARC  
Room W218  
Van Leer Electrical Engineering Bldg.  
Georgia Tech Campus  
Meeting at 7:00pm

### Second Thursday

Alford Memorial Radio Club  
Annistown Road Baptist Church  
Annistown Rd & Spain Rd  
Stone Mountain  
Dinner at 6:00pm, Meeting at 7:30pm  
Talk In - 146.760(-)

### Second Saturday

North GA QRP Club  
Board Room of The Shepherd Center  
2020 Peachtree Rd, NW, Atlanta  
at 10:00 AM

### Third Tuesday

North Fulton Amateur Radio League  
Alpharetta Recreation & Parks Dept  
Alpharetta Adult Activity Center  
13450 Cogburn Road  
Alpharetta, GA 30004  
meeting at 7:30pm  
Talk In - 145.47(-)

For more information, go to: <http://www.gars.org/>

# Serving You From Coast to Coast and Around the World



**Order Toll-Free From a Location Near You**

Or Take Advantage of Secure 24-Hour Ordering:

<http://www.hamradio.com>

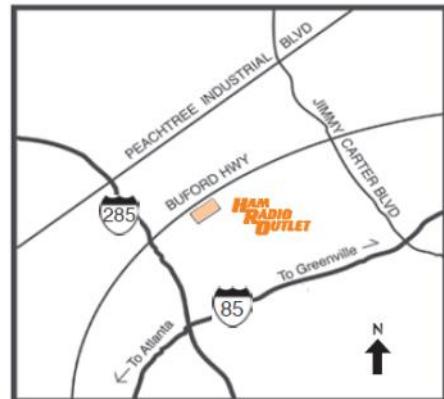


If your closest 800 number is busy, please call one of our other numbers.

Phone Hours: 9:30 am to 5:30 pm Monday – Saturday

All Stores Open 10am - 5:30pm Monday - Saturday

**24-Hour FAX Order Lines at all Store Locations**



ATLANTA, GA 30340

6071 Buford Hwy, Doraville

1 mile north of I-285

(770) 263-0700

(800) 444-7927

24 Hour FAX (770) 263-9548

Email: [atlanta@hamradio.com](mailto:atlanta@hamradio.com)

Manager:

Mark KJ4VO

David AI4XL

Denise

Josh W4JDH

Jim N1ABM

James KK4WNX

Ken KI4BQS

Ray W4GQQ

Harold KD8DVY

Toll Free Numbers:

Northeast (800) 644-4476

West (800) 854-6046

Southeast (800) 444-7927

Mountain (800) 444-9476

Mid-Atlantic (800) 444-4799

New England (800) 444-0047



Ham Radio Outlet App available at:



**INTERBOROREFRIGERATION**  
HVAC/R

All branch Ice Machine      Walk-in Box Cooler

Licensed by E.P.A.

Central A/C - Heater and Water Heater

All Commercial Refrigeration Systems

Ice Cream Freezer

All Jobs Guaranteed

30 years of Experience

Reparation & Maintenance

Luis Castellanos  
owner

Address: 470 Bay lake pass,  
Lawrenceville, GA 30046

Tel.: 610-816-8744  
Email: [cel-piloto52@hotmail.com](mailto:cel-piloto52@hotmail.com)

**Finally**  
A clog-free gutter  
with no fine print.

**The Real GUTTER PROTECTOR**  
No Clogs. No Overflow. Guaranteed.

You'll never have to clean your gutters again. The Real Gutter Protector's Waterloov® System uses a patented design that slows water more effectively and draws water in more completely, with smaller openings that keep out more debris. <http://www.realgutterprotector.com>

Atlanta, Georgia - (770) 630-1582



**SHARON ADCOCK**

*CRS, GRI, e-Pro,  
Relocation Expert,  
Associate Broker*

[www.SharonAdcock.com](http://www.SharonAdcock.com)  
2920 Ronald Reagan Blvd  
Cumming, GA 30041



Not intended

**Real Estate Broker**

**Century 21  
21 Results Realty**

**Buying\*Selling\*Investing  
For Any Real Estate  
Matters**

**There has never been a  
better time to invest in Real  
Estate**

**Inventory is LOW  
It's a Seller's Market**

**Sharon@  
SharonAdcock.com  
Cell: 404-428-9127  
eFax 678-679-1383**